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"primer" (tag or adaptor) and target

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Sequence tagged microsatellite profiling (STMP): improved isolation of DNA sequence flanking target SSRs

nih.gov [HTML]

MJ Hayden, G Good, P J Sharp - Nucleic Acids Research, 2002 - Oxford Univ Press
... Rationalisation of method in the original STMP procedure (6), the amplification of a target restriction fragment was achieved using a sequence tag primer in combination with a primer specific to the MseI adapter sequence. However ...

Cited by 17 - Related articles - All 6 versions

Ligation-mediated PCR of restriction fragments from large DNA molecules.

171.86.122.45 [PDF]

DR Smith - Genome Research, 1992 - 171.66.122.45
... tag, and digested with type IIS enzymes. The samples were then ligated to pre-annealed adapter-tags, and subjected to PCR using the tag comple- ments and bubble primer. Initial experi- ments confirmed that PCR products ...

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Sequence-tagged microsatellite profiling (STMP): a rapid technique for developing SSR markers

nih.gov [HTML]

MJ Hayden, P J Sharp - Nucleic Acids Research, 2001 - Oxford Univ Press
... 1x PCR buffer, 1.8 mM MgCl2, 1 U Taq DNA polymerase, 5 pmol sequence tag primer (supplemented with ... detection), 2 µl of DNA template (see below) and either 5 pmol MseI adapter primer or PCT6 ... The choice of the latter primer depended on the type of template DNA used. ...

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Expression profiling using a hexamer-based universal microarray

ME Roth, L Ferig, KJ McConnell, P J Schaffer, CE ... - Nature ... 2004 - nature.com
... I 1 Titanium Taq PCR buffer, 1 mM dNTPs, 25 pmol each of forward (biotinylated) and reverse primer, and 0.5 ... The 120 second adaptors used in this study were selected based on an in vitro ligation specificity ... A tag comprises the fourteen contiguous bases derived from the cDNA ...

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Inducible protein degradation in Bacillus subtilis using heterologous peptide tags and adaptor proteins to target substrates to the protease ClpXP

nih.gov [HTML]

KI Griffith, AD Grossman - Molecular microbiology, 2006 - interscience.wiley.com
... sequence of ssrA is somewhat different between E. coli (AANDENY) and C. crescentus (AAND- NFAEF) and each adaptor can interact with its cognate ssrA tag in B. subtilis (Figs 1-3). (C)SspB appears to be specific for the (C)ssrA and is not capable of target- ing proteins ...

Cited by 3 - Related articles - All 2 versions

A novel multi-purpose cassette for repeated integrative epitope tagging of genes in Saccharomyces cerevisiae

A De Amorim, D Gaitanar - Gene, 2000 - Elsevier
... Note that in each adaptor the first epitope (MYC, HA or VSV) is different in nucleotide sequence from the following, so that it is possible to design primers that anneal ... 2) Tag-Forward=5'-.... TCC CAC CAC CAT CAT CAT CAC-3', is a chimeric primer composed of 42 ...

Cited by 51 - Related articles - All 8 versions

A novel ligation mediated-PCR based strategy for construction of subtraction libraries from limiting amounts of mRNA

nih.gov [PDF]

S Ghosh - Nucleic acids research, 1996 - Oxford Univ Press
... to generate target nucleic acids. During this process, these molecules were tagged at both ends with specific oligonucleotides, so that those molecules remaining after subtraction could be amplified via PCR. The 3' tag is the oligo-dT-Xho I adapter-primer (Stratagene cDNA ...

Cited by 6 - Related articles - All 6 versions

Increasing the efficiency of SAGE adaptor ligation bydirected ligation chemistry

nih.gov [HTML]

AP So, RFB Turner, GA Haynes - Nucleic Acids Research, 2004 - Oxford Univ Press
... This primer contamination is most probably small, however, as batch purification of biotinylated cDNAs using Clonex ... critical step in the SAGE protocol, namely the ligation of the SAGE adaptor that permits the use of a Type IS RE to generate a SAGE tag, is compromised ...

Cited by 7 - Related articles - All 5 versions

[HTML] The use of coded PCR primers enables high-throughput sequencing of multiple homolog amplification products by 454 parallel sequencing

nih.gov [HTML]

J Blinladen, MTP Gilbert, JP Bruback, F Paniez, C ... - PLoS One, 2007 -.ncbi.nlm.nih.gov
... Furthermore, there is evidence that the second base in the tag is also plays an affect ... mentioned previously, we caution however that this analysis is based on a single primer set and ... stages of DNA preparation for the GS20 run. DNA is blunt ligated to adaptor sequences using ...

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